# BIRCH, STEWART, KOLASCH & BIRCH, LLP

TERRELL C. BIRCH
RAYMOND C. STEWART
JAMES M. SLATTERY
MICHAEL K. MUTTER
GERALD M. MURPHY. JR.
TEONARD R. SVENSSON
MOREW D. MEIKLE
MARC S. WEINER
MORE M. SWEINER
MORE M. SWEINER
MORE M. SWEINER
D. RICHARD ANDERSON
THOMAS M. SMALL
ROBERT A. SELDON
JOHN A. SCILLIERI
SANFORD ASTOR
MICHAEL R. CAMMARATA
SCOTT L. LOWE
PAUL C. LEWIS
MARYANNE ARMSTRONG, PH.D.
OF COUNSEL:
HEPBEEDT 1. SLOCK

OF COUNSEL:
HERBERT M. BIRCH (1905-1996)
BERNARD L. SWEENEY\*
ELLIOT A. GOLDBERG\*
WILLIAM L. GATES\*
EDWARD H. VALANCE
RUPERT J. BRADY (RET.)\*
F. PRINCE BUTLER
FRED S. WHISENHUNT (RET.)
JAMES W. HELLWEGE
GUENTIN R. "RICK" CORRIE
ROBERT F. GNUSE
DAVID R. MURPHY
ROBERT M. ASHEN\*
WILLIAM B. WALKER\*
RICHARD B. MCGRATH OF COUNSEL:

INTELLECTUAL PROPERTY LAW

8110 GATEHOUSE ROAD SUITE 100 EAST **FALLS CHURCH, VA 22042-1248** USA

> (703) 205-8000 FAX: (703) 205-8050 (703) 698-8590 (G IV)

e-mail: mailroom@bskb.com web: http://www.bskb.com

OTHER OFFICES: CARLSBAD, CALIFORNIA COSTA MESA, CALIFORNIA LOS ANGELES, CALIFORNIA SENIOR COUNSEL: JOSEPH A. KOLASCH

RICHARD GALLAGHER KECIA J. REYNOLDS KALPANA REDDY ESTHER H. CHONG ESHEK H. CHONG
CATHERINE M. VOISINET\*
EUGENE T. PEREZ
CAROLYN T. BAUMGARDNER\*
MARTIN R. GEISSLER\*
J. ALISON GRABELL\* J. ALISON GRABELL\*
T. BENJAMIN SCHROEDER, PH.D.
PERCY L. SQUARE
HYUNG N. SOHN
CLINI A. GERDINE
CRAIG A. MCROBBIE
MATTHEW T. SHANLEY
GARTH M. DAHLEN, PH.D.
ROBERT E. GOOZNER, PH.D.
SUSAN W. GORMAN, PH.D.
SCOTT T. WAKEMAN\*

REG. PATENT AGENTS: FREDERICK R. HANDREN MAKI HATSUMI MAN HAISUMI KRISTI L. RUPERT, PH.D. ROBERT W. DOWNS CHAD J. BILLINGS CARL T. THOMSEN JASON W. RHODES SAM BHAΠACHARYA

February 26, 2004 Date:

Docket No.: 1215-0506P(000550-078)

\*ADMITTED TO A BAR OTHER THAN VA.

#### MS PATENT APPLICATION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

As authorized by the inventor(s), transmitted herewith for filing is a patent application applied for on behalf of the inventor(s) according to the provisions of 37 C.F.R. § 1.41(c).

Inventor(s): Cynthia W. Berry, and Alex E. Bailey

IMPROVED BONDING ARRANGEMENT AND METHOD FOR LTCC For:

CIRCUITRY

### Enclosed are:

$\boxtimes$	A specification consisting of eleven (11) pages
	Two (2) sheet(s) of formal drawings
	Applicant claims small entity status under 37 C.F.R. § 1.27
$\boxtimes$	Applicant does not claim priority
	Applicant claims the right of priority under the provisions of 35 U.S.C. § 119 and 37 C.F.R. § 1.55(a) based on Application No(s). filed in on .  Certified copy(ies) is(are) attached hereto.  Certified copy(ies) will follow.

13281 U.S	Executed Declaration in accordance with 37 C.F.R. § 1.64 will follow
U.S. I	Application Data Sheet in accordance with 37 C.F.R. § 1.76
<b>■</b> 30 □	Preliminary Amendment
	Information Disclosure Statement, PTO-1449 and reference(s)
$\boxtimes$	Other: Information Sheet
	Applicant requests early publication - \$300.00 publication fee
$\boxtimes$	Non-publication Request and Certification under 35 U.S.C. §

The filing fee has been calculated as shown below:

122(b)(2)(B)(i)

			LARGE	ENTITY	SMALL	ENTITY
	BASIC FEE		\$770.00		\$385.00	
	NUMBER FILED	NUMBER EXTRA	RATE	FEE	RATE	FEE
TOTAL CLAIMS	7-20=	0	x 18 = \$0.00 x 9= \$0.00		0.00	
INDEPENDENT CLAIMS	3-3=	0	x 86 = \$0.00		x43= \$0.00	
MULTIPLE DEPENDENT CLAIMS PRESENTED			+ \$290.00		+ \$145.00	
		TOTAL	\$77	70.00	\$0.	00

- The application transmitted herewith is filed in accordance with 37 C.F.R. § 1.41(c). The undersigned has been authorized by the inventor(s) to file the present application. The original duly executed declaration together with the surcharge will be forwarded in due course.
- A check in the amount of \$770.00 to cover the filing fee is enclosed.
- Please charge Deposit Account No. 02-2448 in the amount of \$0.00. A triplicate copy of this transmittal form is enclosed.

 $oxed{\boxtimes}$  Please send correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP **or** Customer No. 02292 P.O. Box 747 Falls Church, VA 22040-0747 (703) 205-8000

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By Kelliam L. Gates, Reg. No. 20,848

P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

WLG/mpe 1215-0506P(000550-078)

Attachment(s)

(Rev. 02/13/2004)

## IN THE U.S. PATENT AND TRADEMARK OFFICE

## INFORMATION SHEET

Applicant:

Cynthia W. Berry and Alex E. Bailey

Appl. No.:

NEW

Filed:

February 26, 2004

For:

IMPROVED BONDING ARRANGEMENT AND METHOD

FOR LTCC CIRCUITRY

Send Correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP **or** Customer No. 02292 P.O. Box 747 Falls Church, VA 22040-0747 (703) 205-8000

Attention: William L. Gates

The above information is submitted to advise the U.S.P.T.O. of all relevant facts in connection with the present application.

A timely executed Declaration in accordance with 37 C.F.R. § 1.64 will follow.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

y Helliam L. Gates, Reg. No. 20,848

P.O. Box 747

WLG/mpe

Falls Church, VA 22040-0747

1215-0506P(000550-0078)

(703) 205-8000

(Rev. 02/12/2004)

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Cynthia W. BERRY et al Conf.: Unassigned

Appl. No.: NEW Group: Unassigned

Filed: February 26, 2004 Examiner: Unassigned

For: IMPROVED BONDING ARRANGEMENT AND METHOD

FOR LTCC CIRCUITRY

REQUEST AND CERTIFICATION UNDER 35 U.S.C. § 122(b)(2)(B)(i)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

February 26, 2004

Sir:

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

This request must be signed in compliance with 37 C.F.R. § 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

Docket No. 1215-0506P(000550-078)

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By Nalham L. Sate

William L. Gates, Reg. No. 20,848

WLG/mpe

P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

(Rev. 02/13/2004)